OFFICIAL PROPOSALS

Bids: April 4.

Bridge

Freehold, N. J.

Notice is hereby given that sealed bids will be received by the Board of Chosen Freeholders of the County of Monmouth for the construction of Bridge No. Ma-6 Church St., **Matawan**; consisting of one thirty-six foot plate girder span encased in gunite and twenty-two roadway, and opened and read in public at the rooms of said board, Court House, Freehold, New Jersey on Wednesday, April 4th, 1923, at 11:00 a.m.

Drawings and specifications for the proposed work, prepared by George K. Allen, Jr., County Engineer, have been filed in the office of said Engineer at 60 Broad Street, Red Bank, New Jersey, and may be inspected by prospective bidders during business hours. The standard proposal form is attached to the specifications, copies of which will be furnished on application to the Engineer.

Plans and specifications will be furnished to prospective bidders upon payment of ten dollars ($10.00), which amount will be refunded upon return of plans and specifications before the time specified for the opening of bids.

Bids must be made on the standard proposal forms in the manner designated therein and required by the specifications, must be enclosed in sealed envelopes, bearing the name and address of the bidder and name of proposed work on the outside, addressed to the Board of Chosen Freeholders of the County of Monmouth and must be accompanied by a certified check for a sum not less than ten (10) per cent of the amount bid on the work, payable to the order of the County Treasurer and a surety company certificate stating that said surety company will provide the bidder with the required bond, and must be delivered at the place and before the hour above named.

The Board of Chosen Freeholders of the County of Monmouth reserves the right to reject any or all bids if deemed to the best interests of the County so to do.

By order of the Board of Chosen Freeholders of the County of Monmouth.

BRYANT B. NEWCOMB,
Director

CHARLES E. COLE, Clerk.
Freehold, N. J., March 10th, 1923.

Bids: April 18.

Mechanical Filter Plant

Richmond, Va.

Sealed proposals for the construction of a mechanical filter plant, consisting of Substructures, Contract No. 1; Equipment, Contract No. 2; and Superstructures, Contract No. 3, will be received at the office of the Director of Public Utilities, City Hall, Richmond, Va., until 12 o'clock, noon of Wednesday, April 18, 1923; and at that time publicly opened and read.

Contract No. 1 includes about 9,500 cu. yds. of reinforced concrete masonry and about 13,000 cu.yds. of excavation in connection with the construction of 10 filter tanks, a basin beneath them, two coagulating basins and other appurtenant work.

Contract No. 2 includes about 200 tons of cast-iron pipe and specials, over 60 gate valves and sluice gates, filter sand and gravel, and all filter equipment for a 30-million-gallon filter plant. It also includes six electrically-driven centrifugal pumps.

Contract No. 3 includes brick superstructures for the plant, comprising a one-story filter building about 110 ft. by 150 ft., and a two story head house about 50 ft. by 125 ft.

Copies of plans, specifications and forms of proposal covering all three contracts may be obtained at the office of the Department of Public Utilities, City Hall, Richmond, or at the office of Fuller and McClintock, Engineers, 170 Broadway, New York, on or after March 26, upon deposit of $35.00 for each set of plans and specifications furnished.

Certified checks are required in the sum of $15,000 for Contract No. 1, $10,000 for Contract No. 2 and $5,000 for Contract No. 3.

The right is reserved to reject any or all bids.

E. W. TRAFFORD,
Director of Public Utilities.

OFFICIAL PROPOSALS

Bids: April 10.

Street Paving

Easley, S. C.

Sealed proposals will be received by the Paving Commission and the Town Council of Easley, S. C., at the Town Hall, two o'clock P.M., April 10th, 1923, for the furnishing of all labor, materials and equipment necessary for paving of certain streets and the laying of sidewalks.

The approximate amount of work to be done is as follows:

25,000 square yards hard surface pavement.
17,700 lineal feet of combination curb and gutter.
4,000 square yards of sidewalk.
8,000 cubic yards grading.

Proposals must be submitted on the forms which may be obtained at the office of the Town Clerk in Easley or the Engineer's office in Spartanburg. Plans may be seen at both places.

Each proposal must be accompanied by a cashier's check, on a South Carolina Bank, for $1,000.00 made payable to the Treasurer of Easley as evidence of good faith.

The right is reserved to reject any or all bids.

A. B. TAYLOR,
Chairman Paving Commission,
HARWOOD BEEBE,
Engineer,
Spartanburg, S. C.

National Publicity Offers a Two-Fold Advantage

Giving calls for bids National publicity opens the way for additional and possibly lower offers from outside bidders to whom work can be let, if desired. Then too, local contractors, seeing your contracts advertised Nationally will figure closer, realizing that the field of competitors for the work is greatly enlarged.

An advertisement printed in the Official Proposal Columns of *Engineering News-Record* brings the contract to the attention of not only local bidders but, in addition, any others who might be interested.

Bids: April 10.

Sanitary Sewer System

Hazard, Ky.

Sealed proposals for constructing a sanitary sewer system will be received by the City Clerk of Hazard, Ky., until 12 o'clock noon on Tuesday, April 10, 1923, and will then be opened and read publicly.

All bids shall be made upon the official proposal blank attached to the instructions to bidders, specifications, form of contract and bond, which may be seen at the office of the City Clerk, Hazard, Ky., or may be obtained by bona fide bidders upon application to the J. N. Chester Engineers, Union Bank Bldg., Pittsburgh, Pa., or Arline G. Taylor, City Clerk.

Each proposal shall be accompanied by a certified check, or an acceptable bidding bond may be offered in place of the certified check at the bidder's option, made payable to the order of J. W. Craft, Mayor of Hazard, Ky., of not less than three per cent (3%) of the total amount of the bid, but in no case shall this check be less than fifty dollars ($50.00). This check is to be conditioned that if bid is accepted, a contract will be entered into and performance of same secured within ten (10) days after notification of acceptance of the bid. In case bid is rejected, or contract entered into, check will be returned. Successful bidders will be required to furnish a corporate surety bond in an acceptable surety company in the full amount of the contract.

The right is reserved to reject any or all bids.

J. W. CRAFT, Mayor.

Attest:
ARLINE G. TAYLOR,
City Clerk.
March 10, 1923.

OFFICIAL PROPOSALS

Bids: April 10.

Intercepting Sewer

Toledo, Ohio.

Sealed proposals will be received by the Director of Public Service, Toledo, Ohio, until twelve o'clock noon, eastern standard time, on the 10th day of April, 1923, and then publicly opened and read for the construction of Contract No. 6 of the Intercepting Sewer System, consisting of

2,295 feet of 78-inch circular sewer.
2,155 feet of 72-inch circular sewer.
4,940 feet of 69-inch circular sewer.
1,970 feet of 66-inch circular sewer.
4,575 feet of 51-inch circular sewer.
1,500 feet of 39-inch circular sewer.

all of which will be built in tunnel, together with two inverted siphons, special and standard manholes and appurtenances.

Bidders are invited to submit prices on monolithic concrete, vitrified segment block and brick.

Plans, specifications, contract and bond forms can be secured at the office of the Director of Public Service upon deposit of Twenty dollars ($20.00) for each set, which will be refunded provided they are returned in good order on or before May 15, 1923.

Information regarding the work can be obtained through the following offices of our consulting engineers, Fuller & McClintock, 170 Broadway, New York, 319 Summit-Cherry Bldg., Toledo, 421 Produce Exchange Building, Kansas City, Mo., 879 North Parkway, Memphis, Tenn., and 1001 Chestnut Street, Philadelphia, Pa.

Each proposal must be accompanied by a bond executed by the bidder and a surety company satisfactory to the Director of Public Service in the sum of Ten Per Cent (10%) of the amount of the bid, or in lieu of a bond the bidder may deposit with the Director of Public Service, a certified check on a solvent bank, payable to the order of the Director of Public Service, in amount equal to such bond, said bond or certified check being required as a guarantee that if the bid be accepted, a contract will be entered into and its performance properly secured.

The contract bond will be Fifty Per Cent (50%) of the amount of the contract. Labor and material bids mut be separately stated with the price therefor.

The Director of Public Service reserves the right to reject any or all bids or to accept any bid which he may deem advantageous to the City of Toledo.

W. T. JACKSON,
Director of Public Service.
GEORGE E. LASKA,
Secretary.

Bids: April 3.

Hauling Stone Chips

Baltimore, Md.

Sealed proposals for hauling approximately 16,463 tons of stone chips in three Districts as follows:

		Tons
Dist. No. 3—	Montgomery and Prince George's Counties	3,245
" No. 5—	Carroll, Howard, Frederick and Montgomery Counties	8,640
" No. 6—	Allegany, Frederick, Garrett and Washington Counties	4,578
		16,463

will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M., on the 3rd day of April, 1923, at which time and place they will be publicly opened and read.

Bids must be made in letter form. Blue prints, showing details, furnished by this Commission upon request.

No bid will be received unless accompanied by a certified check for the sum of One Hundred ($100.00) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 19th day of March, 1923.

JOHN M. MACKALL,
Chairman.

L. H. STEUART,
Secretary.

OFFICIAL PROPOSALS

Bids: April 11

Sea Bright-Highlands Road

Freehold, N. J.

Notice is hereby given that sealed bids will be received by the Board of Chosen Freeholders of the County of Monmouth for the Reconstruction of the Sea Bright-Highlands Road, No. 54, with a Reinforced Concrete Pavement, for a distance of 2.27 miles, and opened and read in public at the rooms of said board, Court House, Freehold, New Jersey on Wednesday, April 11th at 11:00 a.m.

Drawings and specifications for the proposed work, prepared by George K. Allen, Jr., County Engineer, have been filed in the office of said Engineer at 60 Broad Street, Red Bank, New Jersey, and may be inspected by prospective bidders during business hours. The standard proposal form is attached to the specifications, copies of which will be furnished on application to the Engineer.

Plans and specifications will be furnished to prospective bidders upon payment of ten dollars ($10.00), which amount will be refunded upon return of plans and specifications before the time specified for the opening of bids.

Bids must be made on the standard proposal forms in the manner designated therein and required by the specifications, must be enclosed in sealed envelopes, bearing the name and address of the bidder and name of proposed work on the outside, addressed to the Board of Chosen Freeholders of the County of Monmouth and must be accompanied by a certified check for a sum not less than ten (10) per cent of the amount bid on the work, payable to the order of the County Treasurer and a surety company certificate stating that said surety company will provide the bidder with the required bond, and must be delivered at the place and before the hour above named.

The Board of Chosen Freeholders of the County of Monmouth reserves the right to reject any or all bids if deemed to the best interests of the County so to do.

By order of the Board of Chosen Freeholders of the County of Monmouth.

BRYANT B. NEWCOMB,
Director.

Attest:
CHAS. E. COLE, Clerk.
Freehold, N. J. Feb. 7th, 1923.

Bids: April 11.

Highway Work

Dover, Del.

Sealed proposals will be received by the State Highway Department, at its office, Dover, Delaware, until 2 o'clock p.m., April 11, 1923, and at that place and time publicly opened, for the construction of State Highways, involving the following approximate quantities:

CONTRACT NO. 25, 3.58 MILES
THROUGH SMYRNA

23,000 Cu.Yds. Excavation
1,000 Cu.Yds. Borrow
80 Tons Broken Stone Base Course
7,025 Cu.Yds. Cement Concrete Pavement
120 Cu.Yds. Class A Concrete
4,000 Lbs. Reinforcement
600 Lin.Ft. 15 in. R. C. Pipe
262 Lin.Ft. 18 in. R. C. Pipe
42 Lin.Ft. 36 in. R. C. Pipe
500 Sq.Yds. Class A Concrete Gutter
2,860 Lin.Ft. Wire Cable Guard Rail
18,930 Lin.Ft. Long. Center Joint
3,500 Lin.Ft. Shoulder Curb

CONTRACT NO. 32, 3.455 MILES
BOYD'S CORNER TO ST. GEORGES

20,000 Cu.Yds. Excavation
3,800 Cu.Yds. Borrow
180 Tons Broken Stone Base Course
6,760 Cu.Yds. Cement Concrete Pavement
250 Cu.Yds. Class A Concrete
120 Cu.Yds. Class B Concrete
12,500 Lbs. Reinforcement
500 Lin.Ft. 15 in. R. C. Pipe
126 Lin.Ft. 18 in. R. C. Pipe
124 Lin.Ft. 24 in. R. C. Pipe
124 Lin.Ft. 30 in. R. C. Pipe
12 Lin.Ft. 36 in. R. C. Pipe
1,800 Lin.Ft. 4 in. Pipe Underdrain
2,400 Sq.Yds. Class A Concrete Gutter
2,200 Lin.Ft. Wire Cable Guard Rail
1,050 Lin.Ft. Timber Piling
18,250 Lin.Ft. Long. Center Joint
3,000 Lin.Ft. Shoulder Curb

CONTRACT NO. 37, 2.895 MILES
ODESSA TO BOYD'S CORNER

16,000 Cu.Yds. Excavation
500 Cu.Yds. Borrow
180 Tons Broken Stone Base Course
5,680 Cu.Yds. Cement Concrete Pavement
90 Cu.Yds. Class A Concrete
1,600 Lbs. Reinforcement
360 Lin.Ft. 15 in. R. C. Pipe
278 Lin.Ft. 18 in. R. C. Pipe
76 Lin.Ft. 24 in. R. C. Pipe
38 Lin.Ft. 30 in. R. C. Pipe
160 Lin.Ft. Relaid Pipe
1,500 Lin.Ft. 4 in. Pipe Underdrain
800 Sq.Yds. Class A Concrete Gutter
1,100 Lin.Ft. Wire Cable Guard Rail
15,300 Lin.Ft. Long. Metal Joint
1,300 Lin.Ft. Shoulder Curb & Troughs

CONTRACT NO. 37A, 0.25 MILES
FILL AT DRAWYER'S CREEK

30,000 Cu.Yds. Borrow

B2 PLANTING TREES

150 White Oaks Between Tybout's Corner and Corbitt's Station.

Performance of contract shall commence within ten (10) days after execution of the contract and be completed during 1923 as specified.

Monthly payments will be made for 90 per cent of the construction completed each month.

Bidders must submit proposals upon forms provided by the Department.

Each proposal must be accompanied by a surety bond, certified check, or money to the amount of at least ten (10) per centum of the total amount of the proposal.

The envelope containing the proposal must be marked "Proposal for the Construction of State Highway Contract No. ....."

The Contract will be awarded or rejected within twenty (20) days from the date of opening proposals.

The right is reserved to reject any or all bids.

Detailed plans may be seen and index plans and specifications may be obtained upon deposit of ten dollars ($10.00) which amount will be refunded upon return of plans and specifications in good condition at the office of

STATE HIGHWAY DEPARTMENT,
Dover, Delaware.

Bids: April 24.

Storm Water Drain

Buffalo, N. Y.

The Commissioner of Public Works will receive sealed proposals at Room No. 3 Municipal Building, Buffalo, N. Y., until 11 o'clock a.m., April 24th, 1923, for the construction of a reinforced concrete storm water drain 33 feet 6 inches and 32 feet 6 inches inside width, vertical side walls seven feet in height with semi-eliptical arch roof of seven feet rise or fourteen feet high at center, length 7,154 feet, to care for the storm water of Scajaquada Creek.

Work consists of the following: Caring for dry weather and storm flow of the creek.

(Normal dry weather flow estimated at about five to twenty cubic feet per second.)

Removal of about 122,435 cu.yd. of earth.

Removal of about 89,684 cu.yds. of rock.

Removal of 9 bridges.

Removal of about 37,862 cu.yd. concrete.

Placing of about 3,464,674 lb. reinforcing steel.

Construction of syphon, overflow connection and side sewers.

Bid and contract will be on a lump sum basis.

No proposal will be considered unless it be accompanied by a certified check upon a National or State Bank drawn and made payable to the Cashier of the Department of Public Works of the city of Buffalo, N. Y., for one hundred thousand dollars ($100,000).

Plans and specifications, form of contract and proposal blanks may be had at the office of the City Engineer, Room No. 20 Municipal Building, Buffalo, N. Y., by depositing $25.00 for same. Said sum shall be returned to bidders submitting proposals. Ten dollars will be returned to those not submitting proposal upon return of plans and specifications in good condition.

The Commissioner of Public Works reserves the right to reject any and all bids and waive any informalities.

Formal advertisement will be found in the Buffalo Commercial Express and Enquirer, March 26th, 27th, April 2nd and 3rd, 1923.

This is not a formal advertisement.

Bids: April 11

Freehold-Eatontown Road

Freehold, N. J.

Notice is hereby given that sealed bids will be received by the Board of Chosen Freeholders of the County of Monmouth for the Reconstruction of the Freehold-Eatontown Road, No. 42, Section 1, with a Reinforced Concrete Pavement for a distance of 2.48 miles, and opened and read in public at the rooms of said board, Court House, Freehold, New Jersey on Wednesday, April 11th at 11:00 a.m.

Drawings and specifications for the proposed work, prepared by George K. Allen, Jr., County Engineer, have been filed in the office of said Engineer at 60 Broad Street, Red Bank, New Jersey, and may be inspected by prospective bidders during business hours. The standard proposal form is attached to the specifications, copies of which will be furnished on application to the Engineer.

Plans and specifications will be furnished to prospective bidders upon payment of ten dollars ($10.00), which amount will be refunded upon return of plans and specifications before the time specified for the opening of bids.

Bids must be made on the standard proposal forms in the manner designated therein and required by the specifications, must be enclosed in sealed envelopes, bearing the name and address of the bidder and name of proposed work on the outside, addressed to the Board of Chosen Freeholders of the County of Monmouth and must be accompanied by a certified check for a sum not less than ten (10) per cent of the amount bid on the work, payable to the order of the County Treasurer and a surety company certificate stating that said surety company will provide the bidder with the required bond, and must be delivered at the place and before the hour above named.

The Board of Chosen Freeholders of the County of Monmouth reserves the right to reject any or all bids if deemed to the best interests of the County so to do.

By order of the Board of Chosen Freeholders of the County of Monmouth.

BRYANT B. NEWCOMB,
Director.

Attest:
CHARLES E. COLE, Clerk.
Freehold, N. J., Feb. 7th, 1923.

Bids: April 6.

State Highway Work

Providence, R. I.

Sealed proposals for the reconstruction under the provisions of the Federal Aid Road Act of the following sections of State Highway will be received by the State Board of Public Roads at its office State House, Providence, R. I., until 12 M. on Friday, April 6, 1923, at which time they will be opened and read in public.

Contract No. 2301 Federal Aid Project No. 15. Warren, Child Street, Handy Street to Mass. State Line 1.67 miles, bituminous macadam.

Contract No. 2302 Federal Aid Project No. 16. Glocester, Putnam Pike, in three sections. The first section begins three-quarters of a mile west of Harmony and extends westerly a distance of 1.44 miles; the second section begins two miles west of Chepachet and extends westerly a distance of 2.42 miles; the third section begins eight tenths of a mile west of the second section and extends westerly a distance of 1.61 miles to the Connecticut State Line. Overall length 10.8 miles. Length of construction—5.47 miles, bituminous concrete.

Bids must be made upon blank forms to be furnished by the Board.

No bids will be accepted unless accompanied by a certified check for the sum of $200.00 payable to the State of Rhode Island.

The Board reserves the right to reject any and all bids, and to give preference to towns or cities, in accordance with Section V of Chapter 84 of the General Laws.

Plans may be examined and specifications and bidding blanks may be obtained at the office of the State Board of Public Roads, State House, Providence, R. I., on and after Monday, March 26th, 1923, every week day (except holidays and Saturdays), between the hours of 9 a.m. and 5 p.m., Saturdays 9 a.m. to 12 m.

STATE BOARD OF PUBLIC ROADS.
ABRAM L. ATWOOD.
BENJAMIN F. ROBINSON.
FRANK COLE.
ALTON HEAD.
JOHN W. HANLEY.

OFFICIAL PROPOSALS

Bids: April 16.

Bridge

Johnstown, Pa.

Sealed proposals will be received at the office of the Superintendent of Streets and Public Improvements, City Hall, Johnstown, Pa., until 12 o'clock noon of Monday, April 16th, 1923, for the construction of the Coopersdale Bridge and the Woodvale Bridge in the City of Johnstown, Pa., in accordance with plans, contract and specifications on file in the office of the City Engineer.

The Coopersdale Bridge will cross the Conemaugh River at the foot of Laurel Avenue in the 20th ward, on the west, and Cooper Avenue in the 21st ward on the east. It will consist of three spans of through plate girders each about 92 ft. long, and concrete masonry. There will be a 36 ft. roadway with two lines of trolley tracks and an 8 ft. clear sidewalk.

The Woodvale Bridge will cross the Little Conemaugh at First Street in the 10th and 11th wards. It will consist of one bow string truss span 129 ft. long on existing masonry extended. It will have a 36 ft. roadway with two lines of trolley tracks and two 8 ft. sidewalks.

Plans, specifications, contract and proposals may be seen at the office of the Consulting Engineers, J. E. Greiner & Co., Baltimore, Md., and Pittsburgh, Pa., and can be obtained only at the office of the City Engineer on and after Monday, March 26th, 1923, for a deposit of Five Dollars ($5.00) for each set, which deposit will be refunded on the day of the letting to those submitting bids, provided the sets are returned complete and in good condition.

Each proposal must contain the full name of the party or parties presenting the same and all persons interested therein; and must be accompanied by a bond, duly and legally executed, for an amount that shall not be less than five per cent (5%) of the contract price, or a certified check for like amount on a solvent bank, doing business in the City of Johnstown, Pa., and made payable without reservation to the order of the Treasurer of the City of Johnstown, Pa., as a guarantee that if the proposal be accepted a contract will be entered into.

All proposals must be made on the blank forms furnished with specifications, as none other will be accepted, and they shall be enclosed in an envelope, bearing the name and address of the bidder, marked "Bridge Proposal," and addressed to the "Superintendent of Streets and Public Improvements."

The City reserves the right to reject any or all bids, and to award the contract as may be deemed to the best interests of the City.

M. LEE MASTERTON,
Supt. of Streets and Public Improvements.

Bids: April 11.

Prison Wall

Ossining, N. Y.

Sealed proposals for Construction—Steel Fence, (Prison Wall), Sing Sing Prison, Ossining, N. Y., will be received by Hon. Charles F. Rattigan, Superintendent of State Prisons, Capital, Albany, N. Y., until 12 o'clock noon, Wednesday, April 11, 1923, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit, consisting of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York, or money, equal to five per cent (5%) of the amount of the proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specification No. 4035. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Office of the Warden, Sing Sing Prison, Ossining, N. Y.; at the New York Office of the Department of Architecture, Room 1058, 25 Broadway, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, Sullivan W. Jones, Capitol, Albany, N. Y.

Dated: March 22, 1923.

OFFICIAL PROPOSALS

Bids: April 16.

Iron Water Pipe, Hydrants, etc.

Totowa, N. J.

Sealed proposals will be received by the Borough Council of the Borough of Totowa on Monday evening, April 16, 1923, at the Council Chambers in the Borough of Totowa at eight o'clock for the furnishing of approximately 3,000 feet of 6-in. cast iron water pipe, hydrants, gates and fittings, required for the extension of the water system of the Borough of Totowa, according to the specifications prepared by the Borough Engineer.

Certified check or cash in the sum of $100 must accompany bid and successful bidder will be required to enter into bond. The Borough Council reserves the right to reject any and all bids and will consider the responsibility of the bidder in awarding contract.

Name and address of the bidder must appear on the outside of the envelope in which bid is enclosed.

Proposal blanks and any further information may be had from Garwood Ferguson, Borough Engineer, Court House, Paterson, New Jersey, or Harold Dunkerly, Borough Clerk, Boyle Avenue, Borough of Totowa, New Jersey.

Largest Circulation of Any Technical Paper

Engineering News-Record's circulation—over 30,000 weekly—is the largest of any technical paper printed. It includes among its readers practically every worthwhile contractor, dealer, and manufacturer in the country who is interested in bidding on public works contracts—either local or outside of his immediate vicinity.

Bids: April 10.

Dredging

Baton Rouge, La.

Sealed proposals will be received at the office of the LOUISIANA HIGHWAY COMMISSION, Reymond Building, Baton Rouge, Louisiana, up to time specified below, Tuesday, April 10th, 1923, at which time and place they will be publicly opened for constructing Section "A" of Federal Aid Project 127 Hammond-New Orleans Highway, as follows:

Section "A," Tangiphoa Parish. From a point 1.6 miles South of Ponchatoula to Pass Manchac, 8.834 miles.

Bids to be received up to 12 o'clock noon. Approximate quantities involved: 770,388 Cubic Yards of dredged borrow, 12,662 feet B. M. creosoted lumber, 2,240 feet creosoted piling, 397.49 Stations timber corduroy, 195 acres clearing and 80 acres grubbing.

Section "B," St. John, the Baptist Parish. From Pass Manchac to Frenier, 13.173 miles.

Bids to be received up to 3 o'clock p.m. Approximate quantities involved: 853,663 Cubic Yards dredged borrow, 602,366 Stations timber corduroy, 316 acres clearing, and 125 acres grubbing.

Construction of both Sections consists of clearing, grubbing, and grading roadway embankment. A canal will be dredged parallel to the Highway and all suitable material taken therefrom will be used in constructing the roadway embankment. Said embankment to be placed on timber Corduroy where specified by the State Highway Engineer.

Information as to the location, character of work, extent and class of material, terms of payment, regulations governing manner of submitting proposals and executing contract, may on application, be obtained at the office of the Louisiana Highway Commission, Reymond Building, Baton Rouge, Louisiana. Plans and Specifications may be inspected at the office of the Commission in Baton Rouge, or will be furnished upon receipt of $5.00 as payment therefor not to be refunded.

J. M. FOURMY,
State Highway Engineer.
W. T. PETERMAN, Chairman,
Louisiana Highway Commission.

OFFICIAL PROPOSALS

Bids: April 6.

System of Water Mains

Mt. Greenwood, Ill.

Sealed proposals, endorsed "Proposals for Water Main," will be received by the Board of Local Improvements of the Village of Mt. Greenwood, Illinois, in the Village Hall in said Village, until eight o'clock p.m., April 6th, 1923, for furnishing all labor, tools, machinery, equipment and materials and constructing and completing a system of cast iron water mains in various Streets in said Village, as designated by and in accordance with an Ordinance duly passed, and in accordance with a special assessment proceeding in the County Court of Cook County, designated as Special Assessment Number Two, of the Village of Mt. Greenwood, Illinois, and in accordance with the following estimated quantities:

4 038.11	Lin.ft. of (12 inch) internal diameter cast iron water main, average depth (5½ feet).
33,198.49	Lin.ft. of (6 inch) internal diameter cast iron water main, average depth (5½ feet).
(12)	12 inch standard iron, parallel seat, double gate valves, with brick valve chambers and cast iron covers.
(57)	6 inch standard iron, parallel seat, double gate valves, with brick valve chambers and cast iron covers.
(99)	6 inch standard fire hydrants, with iron body, fitted with (2), (2½ inch) hose and (1) steamer connection, with (5 inch) valve opening and a (7 inch) inside diameter working barrel and fitted with auxiliary valves.
(11)	12 inch x 12 inch x 6 inch x 6 inch cast iron cross connections, 512 lbs. each.
(24)	6 inch x 6 inch x 6 inch x 6 inch cast iron cross connections, 257 lbs. each.
(3)	12 inch x 12 inch x 6 inch cast iron tee connections, 458 lbs. each.
(104)	6 inch x 6 inch x 6 inch cast iron tee connections, 200 lbs. each.
(8)	6 inch cast iron, ⅛ 45 degree bends, 105 lbs. each.

All proposals must be submitted on the Proposal Blanks, furnished by the Board of Local Improvements of said Village; and shall be accompanied by cash or certified check made payable to M. L. Cusack, President of the Board of Local Improvements, in an amount equal to ten (10%) per cent of the total proposal.

A construction bond, satisfactory to the Board of Local Improvements, in an amount equal to one-third of the total proposal will be required of the successful bidder.

Payment for the above work will be made by the Board of Local Improvements of said Village, in Special Assessment Bonds, issued against special Assessment Number Two of the Village of Mt. Greenwood, Illinois, bearing interest at the rate of six (6) per cent per annum with a maximum maturity date of ten (10) years.

Plans, specifications and proposal blanks may be obtained at the office of the Village Clerk of said Village; and from Allen L. Fox, engineer for said Board of Local Improvements, at his office in the Commercial Bank Building, Chicago Heights, Ill.; and in the office of F. K. Root, 14th Floor, Conway Building, Chicago, Illinois.

The Board of Local Improvements reserves the right to reect any or all Proposals.

Board of Local Improvements.
M. L. CUSACK,
President.

Bids: April 3.

Pavement

Geneva, N. Y.

Sealed proposals will be received by the Board of Public Works of the City of Geneva, N. Y., until 2.30 p.m., Tuesday, April 3, 1923, on about 21,000 sq.yd. of pavement. Types of pavement, on which proposals are invited, include brick, reinforced concrete, sheet asphalt, asphaltic concrete and bitulithic.

Specifications, blank proposals, plans, etc., may be had by depositing with the Superintendent of Public Works $5.00, which will be returned upon return of the plans, specifications, etc., in good condition.

The Board of Public Works reserves the right to reject any or all bids.

H. K. SEYBOLT,
Superintendent.

OFFICIAL PROPOSALS

Bids: April 12.

Reconstruction of Pumping Station

Poughkeepsie, N. Y.

Sealed proposals will be received by the Board of Public Works at its offices in Eastman Park Mansion, on or before 4 P.M., Thursday, April 12th, 1923, for the reconstruction of the City Pumping Station.

Plans, specifications, form of proposal, bond and contract may be obtained at the office of the Superintendent of Public Works, Poughkeepsie, N. Y., and at the office of Hazen & Whipple, Consulting Engineers, 30 East 42nd Street, New York City; upon the deposit of twenty-five ($25.00) dollars, which amount will be refunded upon the return of the plans and specifications in good condition.

Quantities of work to be done are approximately:

Item

1. Removing present wooden roof and walls.
2. Excavation of brick masonry, 2,500 cubic feet.
3. Excavation of concrete masonry, 300 cubic feet.
4. Excavation of earth.
5. Excavation of rock.
6. Brick masonry, 5,500 cubic feet.
7. Concrete in floors and foundations, without forms, 1,500 cubic feet.
8. All other concrete, 500 cubic feet.
9. Cement tile in roof, 6,792 square feet.
10. Waterproofing on roof, 6,592 square feet.
11. Structural steel, 57,000 pounds.
12. Reinforcing steel, 1,200 pounds.
13. Floor plates, 1,400 pounds.
14. Windows and doors.
15. Wainscoting, 1,450 square feet.
16. Tile floors, 2,200 square feet.
17. Plastering, 3,400 square feet.
18. Painting 10,000 square feet.
19. Crane.
20. Appurtenances: Roof catch basins and leaders, floor manhole castings, alum feed hoppers, I-beam track and trolley, wood partition and stairs, iron stairs and balcony, skylight.

The proposal shall be accompanied by a certified check drawn upon an incorporated State or National Bank or Trust Company in good credit, within this State, payable to the order of the City of Poughkeepsie for five per cent of the amount of the bid. The successful bidder will be required to give a satisfactory bond for the faithful performance of the agreement in amount equal to fifty per cent of the value of the contract.

The Board of Public Works reserves the right to reject any or all bids.

By order of the Board of Public Works.
THOMAS F. LAWLOR, Supt.

HAZEN & WHIPPLE,
Consulting Engineers,
30 East 42nd Street,
New York, N. Y.

Bids: April 9.

Street Improvement

Mineola, N. Y.

Sealed proposals will be received by the Board of Supervisors of Nassau County, in its chambers, in the Court House, at Mineola, Long Island, at 11 a.m. on Monday, April 9, 1923; at which time they will be publicly opened and read, and the contract awarded as soon thereafter as practicable, for the improvement of Park Street running from the easterly boundary line of Lido Country Club, easterly to the Town Park at Nassau by the Sea, Long Beach, in the Town of Hempstead, Nassau County, New York.

Plans and specifications may be seen at the office of W. Fred Starks, County Engineer, at Mineola, Long Island.

Each bid must be accompanied by a certified check on a solvent bank in the sum of three per cent of the amount of the total contract, made payable to the County of Nassau.

The Board of Supervisors reserves the rig t to reject any or all bids, waive any informality in the bids, and to accept the bid which it deems most favorable to the interest of the County.

By order of the Board of Supervisors.
By JESSE MERRITT,
Clerk.

Dated at Mineola, L. I., March 22, 1923.

OFFICIAL PROPOSALS

Bids: April 16.

Street Paving

Shenandoah, Pa.

Bids will be received by the Borough of Shenandoah, Penna., for paving West Coal Street between the West Curb of West Street and the West Side of Vine Street, approximately 5,103 square yards with a one course reinforced cement concrete pavement or with vitrified brick on a five or six inch cement concrete base, or with sheet asphalt on a six-inch base, according to State Highway Specifications of 1920, or with other bituminous pavement. Also for resetting nine inlets. Council reserves the right to reject any or all bids. Bids to be sealed and in the hands of the chairman of the Street Commission by noon, April 16th, 1923.

GEORGE FEIST,
Chairman Street Commission,
237 So. West Street,
Shenandoah, Pa.

A Bonding Company's Suggestion to Official Proposal Advertisers

"A large part of our contract bond business is submitted to us by wire, and I am a constant reader of the Official Proposals in order to find out the size and nature of the work that is referred to in the bond application. Very frequently I am unable to get any clear idea of what the advertisers are asking bids on, and of course the prospective bidder or contractor is also at a loss to know what kind of a job is being advertised.

"Traveling expenses are heavy at the present time, and contractors pay out considerable sums during the course of a year in investigating prospective contracts. This of course is a large charge that the owners eventually pay, and anything that will reduce the general overhead of contract work will eventually be to the advantage of the owner.

"One way to reduce this overhead is to word the advertisement so that the contractor sitting in his office will know whether or not he should investigate and prepare a bid on the proposed work."

Bids: April 3.

Road Work

Hartford, Conn.

Sealed proposals will be received by the State Highway Commissioner, 12 Washington Street, Hartford, Connecticut, until 2 p.m., Tuesday, April 3rd, 1923, for the following sections of State work, in accordance with plans and specifications on file in the office of the State Highway Commissioner and at the following places:

TOWN OF BRISTOL: About 2,180 linear feet of plain cement concrete pavement on School Street. NOTE: Portland cement for the above work will be furnished by the State. Plans and specifications at the office of R. W. Stevens, Division Engineer, 12 Washington Street, Hartford, Conn.

TOWNS OF EAST HARTFORD AND MANCHESTER: About 15,850 linear feet of 3 inch Bituminous Macadam over 5 inch stone base on Silver Lane. Plans and specifications at the office of R. W. Stevens, Division Engineer, 12 Washington Street, Hartford, Conn.

TOWNS OF NEW BRITAIN AND

OFFICIAL PROPOSALS

PLAINVILLE: About 15,965 linear feet of plain cement concrete pavement on 3 inch sheet asphalt over 6 inch concrete base on the New Britain-Plainville Road. NOTE: Portland cement for the above work will be furnished by the State. Specifications at the office of R. W. Stevens, Division Engineer, 12 Washington Street, Hartford, Conn.

TOWN OF STAFFORD: About 4,750 linear feet of 7 inch Waterbound Macadam, using either local stone or crushed gravel for the coarse aggregate, on Monson Street. Plans and specifications at the Town Clerk's office and at the office of R. W. Stevens, Division Engineer, 12 Washington Street, Hartford, Conn.

TOWN OF STRATFORD: About 6,865 linear feet of 3 inch sheet asphalt pavement over 6 inch concrete base on the Post Road. NOTE: Portland cement required for the above work will be furnished by the State. Specifications at the office of E. C. Welden, Division Engineer, 106 Elm Street, New Haven, Conn.

TOWN OF WEST HAVEN: About 5,372 linear feet of plain cement concrete pavement on Campbell Avenue. NOTE: Portland cement for the above work will be furnished by the State. Specifications at the office of Frank D. Alling, First Selectman, and at the office of E. C. Welden, Division Engineer, 106 Elm Street, New Haven, Conn.

All bids must be accompanied by a surety company bond or a certified check not less than one-third of the cost of the work. The State Highway Commission reserves the right to reject any and all bids.

Dated at Hartford, Connecticut, March 24, 1923.

C. J. BENNETT,
State Highway Commissioner.
12 Washington St., Hartford, Conn.

Bids: April 3.

State Highway Construction

Raleigh, N. C.

Sealed bids for the construction of the following projects will be received by the North Carolina State Highway Commission at Raleigh, N. C., until 10 a.m., on the 3rd day of April, 1923, when they will be opened and read:

Hard surface (concrete or asphaltic paving projects) including grading, reinforced concrete or cast iron pipe, structures, etc.

Project No.	County	Length (Miles)
115	Chowan	11.83
151-B	Hyde	4.39
213	Craven	10.43
293	Wilson	9.00
329	Columbus	12.89
408	Durham	0.47
578	Randolph	7.51
643	Iredell	8.57
713-A	Ashe	3.53
835	Henderson	6.84
944	Haywood	11.66

Topsoil, sand clay or gravel projects, including grading, drainage pipe, structures, etc.

146	Hertford	6.42
392	Robeson	1.15
437	Harnett	10.74
457-A	Orange	7.45
485-A	Wake	7.81
570	Moore	22.52
616	Cabarrus	8.59

MACADAM PROJECTS

Penetration or waterbound macadam projects, including drainage pipe, structures, etc.

723	Caldwell	3.54
802	Avery	5.67
930-A	Graham	2.92
961-A	Macon	9.27
971	Madison	6.70

BRIDGE PROJECTS

659-A	Mecklenburg—Bridges and culverts
804	Avery—Bridge over Horseshoe Creek
882-B	Rutherford—Overhead crossing over C., C. & O. R.R.

Specifications, proposal forms, etc., may be obtained from the State Highway Commission at Raleigh, N. C.

Plans may be seen in the Raleigh office, or in the offices of the District Engineer.

Bridge plans may be obtained from the State Highway Commission at Raleigh, N. C., upon payment of Five ($5.00) dollars per set.

The right is reserved to reject any or all bids.

By order of the North Carolina State Highway Commission.